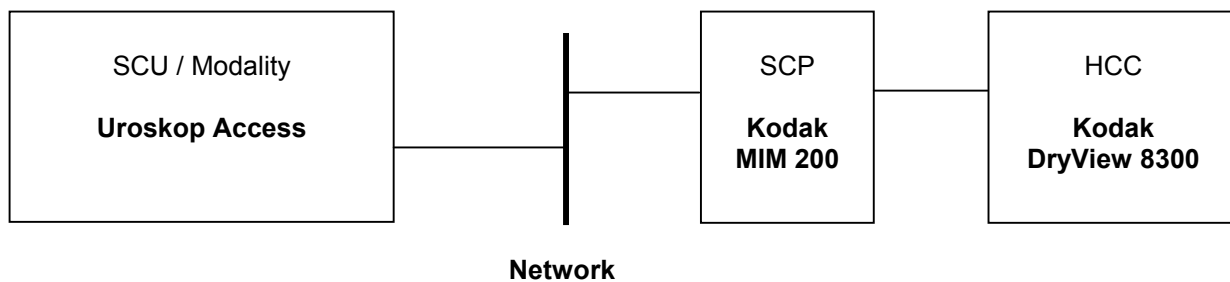| Product:	Uroskop Access
Title:	Specific Hardcopy Camera Information for Kodak DryView 8300 / PACS Link MIM 200
Affected systems:	Image System ASPIA
Replaces:	n.a.

1 General Information

1.1 Block Diagram

Network

1.2 Available Film Sizes

Application		ASPIA	Film Type	Medium Type
14"x17"	**Portrait**	n.a.	n.a.	n.a.
	Landscape	n.a.		
14"x14"	**Portrait**	n.a.	n.a.	n.a.
	Landscape	n.a.		
11"x14"	**Portrait**	n.a.	n.a.	n.a.
	Landscape	n.a.		
8"x10"	**Portrait**	**yes**	**Kodak DVB**	**blue based**
	Landscape	**yes**		
others		n.a.	n.a.	n.a.

Released : yes - Film size is available and released
Released : no   - Film size is available but not released
Released : n.a. - Film size is not available

1.3   Restrictions and known Effects

For HCC-independent restrictions, see also the general restrictions in the document Uroskop Access, General Hardcopy Information.

2   Modality SW Configurations / Parameters

2.1   Configuration

Refer to: Uroskop Access, General Hardcopy Camera Information

Application Entity Properties	Display	Changes allowed yes/no
AE Title	K8300 (*1)	Yes
Port Number	5040	No
Supported DICOM Services	Print	No

HC Device / General Settings		Display	Changes allowed
Type		DICOM printer	No
Class (Printer spec file name)		imation8300	No
DICOM Node		dv8300	Yes
Filming Properties		Display	Changes allowed
Hold printed film jobs		10	Yes
Min. density		0.20	Yes
Pixel Size [1/1000 mm]		85.0 x 85.0	No
Film Sheet Formats Portrait	Number of pixels [columns x rows]	Inches 8x10 2256x2676	In "define new" Do not modify/add Select only Delete only
Film Sheet Formats Landscape	Number of pixels [columns x rows]	Inches 8x10 2736x2136	In "define new" Do not modify/add Select only Delete only
Medium Type		blue film	No
Film Destination		processor	No
Color appearance		monochrome	No
Background		black	Yes
Transformation		no magnification	No
Note: Do not modify and/or add film sizes. Do not modify pixel sizes. Delete film sizes that are not available at customer site			

(*1) K8300 or dv8300 does not support NEVENT REPORT; The verification of the AE-Title works properly.
NER_8300 supports NEVENT REPORT. The verification of the AE-Title failed.

2.2   Error and Warning Messages

Printer Status info	Description	Message string visible in the Status Bar	Other action for *syngo*/camera symbol
PRINTER -BUSY	No description available	Printer busy	<None>/idle
CHECK CHEMICALS	No description available	Check chemicals	<None>/idle
EMPTY 4X6	No description available	Empty 4x6	<None>/idle
EMPTY 4X6 PAPR	No description available	Empty 4x6 papr	<None>/idle
EMPTY 85X11	No description available	Empty 85x11	<None>/idle
EMPTY 85X11 PAPR	No description available	Empty 85x11 papr	<None>/idle
EMPTY A4	No description available	Empty a4	<None>/idle
LOW 4X6	No description available	Low 4x6	<None>/idle
LOW 4X6 PAPR	No description available	Low 4x6 papr	<None>/idle
LOW 85X11	No description available	Low 85x11	<None>/idle
EMPTY 85X11 PAPR	No description available	Low 85x11 papr	<None>/idle
LOW A4	No description available	Low A4	<None>/idle

3   Hardcopy Camera, Configuration

3.1   Identification

Device Name:	MIM 200	DryView 8300
Manufacturer:	Kodak	Kodak
Device-Type:	PACS Link	DRY- Laserimager
SW Revision:	V5.0	FW 4.6 /DICOM-SW: V3.03
Image Memory:	Minimum 64MB	16MB pro channel
Harddisk:	Minimum 2 GB	None
Physical Network Interface:	100/10Base-T Ethernet, UTP/STP	None

3.2   SCP / Printer Settings (provided by OEM)

file name	content	remarks
No file available	**MIM200 Setup:** ■ on Configure, Network: 　■ Node Name=MIM, IPAddr=accordingly 　■ Subnet Mask=accordingly, Gateway Addr=accordingly ■ on Configure, Input, Network, Add: 　■ Protocol=DICOM 3.0, Log.Name=DICOM, Type/Com=Keypad/COM9 ■ on Configure, Destination, Add, Print, Direct, Qualified, 8300, Set: 　■ General: Log.Name=8300 　■ General: Database Name=8300, Model=8300, Memory=32 　■ Media Info: Media=8x10in, 2256x2676, 2596, Blue 　■ Output Params: Cmd Set=952, Baud=1200, Data=8, Stop=1, Parity=Even 　■ Output Params: Pixel=8, Header/Line, Transfer=2000 KHz, Acquire=60 　■ Supported Item: Collation=On, Text=On, Tonescaling=On, Rotation=On 　■ Interpolation: NoMag=On, Bilin=On, Repl=On,Cubic Spline=On 　■ Format Types: Custom=On, Slide=On, Row Symmetric=On, SuperSlide=On 　■ Format Types: 1, 2, 4, 6, 8, 9, 12, 15, 16, 20, 24, 30, 35=On	Provided by Kodak

- Formatting: Aspect Ratio Mix on Page=On, Image Size Mix in Std Fmt=On
- Formatting: DICOM Annotation Box=On, Req.Size Scale=On
- Formatting: Req.Size Mix in Row=On, Trim=On
- Formatting: Aspect Ratio Mix in Row=On, Image Size Mix in Row=On
- Formatting: Req.Image Size=On, Req.Size Mix on Page=On
- Formatting: True Landscape=On
- Formatting: Max Img per Band=20, Max Band per Page=20, Max Img Col=0
- Formatting: Max Img Row=0, Min Horiz Sep=2, Min Vert Sep=2
- Formatting: Trim Width Enabled=2, Trim Width Disabled=0
- Formatting: Pixel Pitch=11.9048
- Image Processing: Grayscale=On, Minify=On, Max Image Dmax=3
- M952 Usage: Min H/V Mag=1, Max H/V Mag=16, Min Dmax 952=1.5

- on Configure, SCP Services, select the specific modality, Modify:
  - PLUT=N, ToneScaling=PerceptionLUT (Always=Y)
  - TFT/ULUT= wkstn83a.w8u (Always=Y), Contrast (dry)=1 (Always=Y)
  - Image Dmin=0.00 (Always=N), Image Dmax=2.80 (Always=N)
  - ICCProfile=Off (Always=N), Modality=OT (Always=N)
  - BodyPart=Default (Always=N), Modality Group=6
  - NeventReports=Off (Always=Y), Warning Status=On
  - Print Date=Off, Print Time=Off, Page Number=Off, Hosp.Name=Off
  - Modality ID=Off, Annotation Override=Off (Always=N)
  - Print Priority=Normal (Always=N), Image Polarity=Normal (Always=N)
  - Conv.Group=1, Gamma Table=1, Smoothing Type=0 (Always=N)
  - Border=Black (Always=N), Film Base=Blue Film (Always=N)
  - Film Size=8INx10IN (Always=N), Film Output Dest=Bin 9 (Always=N)

8300 Setup:
- on Operator Menu set: D=16, C=6, Sharp/Smooth=0 ie Auto
- on Operator Menu set: Film Layout: 1 on 1=Portrait
- on Service Menu set: Ratio=1.00, Serial=1200,8,1,Even,Comma,3M, Memory=16
- on Service Menu set: Digital Interface: Parity=Even, Modality Group=1

Maximum number of associations supported:	8

4   Image Quality and Optical Density

4.1   Reference Film and LUT

Refer to: Uroskop Access, General Hardcopy Camera Information

4.2   Real Size Scaling

n.a.

5   Abbreviations

DCS	DICOM Conformance Statement
DICOM	Digital Imaging and Communication in Medicine
HW / SW	Hardware / Software
HCC	Hardcopy Camera
LUT	Look Up Table
OEM	Original Equipment Manufacturer
SCP	Service Class Provider
SCU	Service Class User
TCP/IP	Transfer Control Protocol / Internet Protocol

6   Changes to Previous Version

n.a.